



The Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
Department of Public Health  
William A. Hinton State Laboratory Institute  
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK  
GOVERNOR

TIMOTHY P. MURRAY  
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD  
SECRETARY

JOHN AUERBACH  
COMMISSIONER

11/08/2011

Keith McCray  
Assistant District Attorney, Norfolk County

Dear ADA McCray,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED]  
Included are copies of the following:

1. Curriculum Vitae for Annie Dookhan.
2. Drug Analysis Laboratory Receipt.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Daniel Renczkowski analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan".

Annie Dookhan  
Chemist  
Drug Analysis Lab  
Jamaica Plain, MA. 02130  
(617) 983-6622

## Curriculum Vitae

**Annie Khan (Dookhan)**

### Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

### Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

\*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

\*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

\*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

\*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

\*Maintenance and repairs of all analytical instruments.

\*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

\*Oversee the Quality Control/Quality Assurance program for the Drug Lab.

\*Writing, revising and reviewing Standard Operating Procedures (SOPs) and Protocols.

\*Notary Public.

\*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

\*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

\*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

\*Writing, revising and reviewing Standard Operating Procedures (SOPs).

\*Trained and supervised new chemists and interns for the department.

\*Routine QC testing of products for the FDA.

\*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

\*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

\*Complete testing of chemicals for Vendor Validation Project for the FDA.

\*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

### Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP training with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS trainings with Agilent Technologies and Restek.

HPLC and LC/MS/MS trainings with Waters Cooperation.

FTIR training with Spectros.

TOC training with MBL and Sievers.

### Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

*The Commonwealth of Massachusetts*

*Executive Office of Health and Human Services*

*Department of Public Health*

*State Laboratory Institute*

Boston Drug Laboratory

Tel (617) 983-6622

Fax (617) 983-6625

Amherst Drug Laboratory

Tel (413) 545-2601

Fax (413) 545-2608

Boston Hours

8:00 – 11:00

2:00 – 4:00

Amherst Hours

9:00 – 12:00

1:00 – 3:00

**DRUG RECEIPT**

City or Department: Quincy Police Reference No.: 

Name and Rank of Submitting Officer: Det. Ward

Defendant(s) Name (last, first, initial):




*To be completed by Submitter*

Description of Items Submitted

*To be completed by Lab Personnel*

Gross Weight

Lab Number

① P/B Brown Powder	2.32g	

Received by:  Date: 2-9-11

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Amherst Hours

9:00 – 12:00

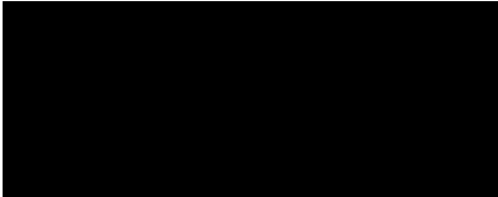
1:00 – 3:00

**DRUG RECEIPT**

City or Department: Quincy Police Reference No.: 

Name and Rank of Submitting Officer: DET. LUCAS DET. COEN

Defendant(s) Name (last, first, initial):




*To be completed by Submitter*

Description of Items Submitted

*To be completed by Lab Personnel*

Gross Weight

Lab Number

⑥ P/Bs Brown Powder	9.35g	

Received by:  Date: 2-9-11

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Amherst Hours

9:00 – 12:00

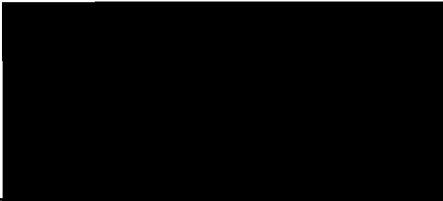
1:00 – 3:00

**DRUG RECEIPT**

City or Department: QUINCY Police Reference No.: 

Name and Rank of Submitting Officer: DET. LUCAS DET. COEN

Defendant(s) Name (last, first, initial):



*To be completed by Submitter*  
Description of Items Submitted

*To be completed by Lab Personnel*  
Gross Weight      Lab Number

① P/B BROWN POWDER

2.37g



Received by:  Date: 2-9-11

PLEASE PRINT CLEARLY OR TYPE ALL INFORMATION

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Boston Hours

8:00 – 11:00

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9:00 – 12:00

1:00 – 3:00

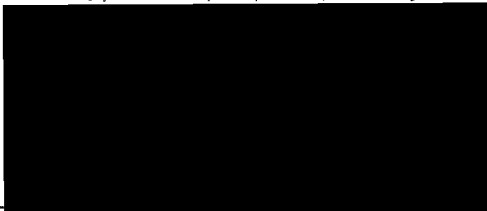
**DRUG RECEIPT**

City or Department: Quincy

Police Reference No.: 

Name and Rank of Submitting Officer: Det. [Redacted] Det. Coan

Defendant(s) Name (last, first, initial):



*To be completed by Submitter*  
Description of Items Submitted

*To be completed by Lab Personnel*  
Gross Weight      Lab Number

② P/B Brown Powder

2.73g



Received by: [Signature]

Date: 2-9-11

No. [REDACTED] Date Analyzed: 4-8-11  
City: Quincy Police Dept.  
Officer: Detective BRIAN COEN  
Def: [REDACTED]  
Amount: Subst: SUB  
No. Cont: 1 Cont: pb  
Date Rec'd: 02/09/2011 No. Analyzed:  
Gross Wt.: 2.32 Net Weight: 0.25  
# Tests: 4 ASD  
• 2DJR  
Prelim: Heroin Findings: Heroin

No. [REDACTED] Date Analyzed: 4-8-11  
City: Quincy Police Dept.  
Officer: Detective BRIAN COEN  
Def: [REDACTED]  
Amount: Subst: SUB  
No. Cont: 6 Cont: pb  
Date Rec'd: 02/09/2011 No. Analyzed: 3  
Gross Wt.: 9.35 Net Weight: 4.14  
# Tests: 2 ASD  
• 6DJR  
Prelim: Heroin Findings: Heroin

No. [REDACTED] Date Analyzed: 4-8-11  
City: Quincy Police Dept.  
Officer: Detective BRIAN COEN  
Def: [REDACTED]  
Amount: Subst: SUB  
No. Cont: 1 Cont: pb  
Date Rec'd: 02/09/2011 No. Analyzed:  
Gross Wt.: 2.37 Net Weight: 0.20  
# Tests: 1 ASD  
• 2DJR  
Prelim: Heroin Findings: Heroin

No. [REDACTED] Date Analyzed: 4-8-11  
City: Quincy Police Dept.  
Officer: Detective BRIAN COEN  
Def: [REDACTED]  
Amount: Subst: SUB  
No. Cont: 2 Cont: pb  
Date Rec'd: 02/09/2011 No. Analyzed: 1  
Gross Wt.: 2.73 Net Weight: 0.14  
# Tests: 1 ASD  
• 2DJR

Prelim: Heroin

Findings: Heroin

SAMPLE #                      AGENCY Quincy ANALYST ASJ  
No. of samples tested: Evidence Wt.

Net Wt: 0.2578

## Folk\_OIG\_PRR\_027101



# DRUG POWDER ANALYSIS FORM

SAMPLE #                      AGENCY Quincy ANALYST ADJ

No. of samples tested:                      Evidence Wt.                     

## PHYSICAL DESCRIPTION:

Beige powdered substance  
in 6 pbs

2 pbs = large

4 pbs = small

doubt bagged

Gross Wt ( 6 ): 3.5118

Gross Wt ( ):                     

Pkg. Wt:                     

Net Wt:                     

large gross wt of 2 pbs = 3.9162

small = gross wt of 4 pbs = 1.5972

gross wt - pbs = 0.3775

net wt = 0.1856

## PRELIMINARY TESTS

### Spot Tests

Cobalt  
2 Thiocyanate (+)  
3 Marquis +  
3 Froehde's +  
3 Mecke's +

### Microcrystalline Tests

Gold  
Chloride                       
TLTA ( )                     

### OTHER TESTS

## PRELIMINARY TEST RESULTS

RESULTS Heroin

DATE 04-01-11

## GC/MS CONFIRMATORY TEST

RESULTS Heroin

MS  
OPERATOR DJR

DATE 4-8-11

Sample #: [REDACTED]

# samples tested: 3

#	Gross Weight	Packet Weight	Net Weight	#	Gross Weight	Packet Weight	Net Weight
1	2.7487	0.2452	2.5035	26	> large		
2	1.1738	0.2742	0.8996	27			
3				28			
4		X =	3.4031	29			
5				30			
6				31			
7	0.3775	0.1919	0.1856	32	- small		
8				33			
9		X =	0.1856	34			
10		X(4) =	0.7424	35			
11				36			
12				37			
13				38			
14				39			
15				40			
16				41			
17				42			
18				43			
19				44			
20				45			
21				46			
22				47			
23				48			
24				49			
25				50			

Calculations:

$$\begin{aligned} \text{Est Net wt} &= 3.4031 + 0.7424 \\ &= 4.1455 \end{aligned}$$

# DRUG POWDER ANALYSIS FORM

SAMPLE # \_\_\_\_\_ AGENCY Quincy ANALYST ADJ

No. of samples tested: \_\_\_\_\_ Evidence Wt. \_\_\_\_\_

**PHYSICAL DESCRIPTION:**

Beige powdered substrate  
11-90

doubled as well

Gross Wt ( ): 0.3922

Gross Wt ( ): \_\_\_\_\_

**Pkg. Wt:**

Net Wt: 0.2047

## PRELIMINARY TESTS

## Spot Tests

Cobalt Thiocyanate ( + ) . \_\_\_\_\_

Marquis +

Froehde's <sup>4</sup>

Mecke's +

### Microcrystalline Tests

Gold Chloride

TLTA ( )

### OTHER TESTS

## PRELIMINARY TEST RESULTS

RESULTS *Warren*

DATE 04-01-41

GC/MS CONFIRMATORY TEST

RESULTS      Heroin

MS  
OPERATOR 1032

DATE 4-8-11

# DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Quincy ANALYST ASD

No. of samples tested:            Evidence Wt.           

## PHYSICAL DESCRIPTION:

Beige powdered substance  
in 2 pbs  
similar

Gross Wt ( ): 0.7036

Gross Wt ( 1 ): 0.3304

Pkg. Wt:           

Net Wt: 0.1406

## PRELIMINARY TESTS

### Spot Tests

Cobalt  
Thiocyanate (+)  
Marquis +  
Froehde's +  
Mecke's +

### Microcrystalline Tests

Gold  
Chloride             
TLTA ( )           

### OTHER TESTS

## PRELIMINARY TEST RESULTS

RESULTS Heroin

DATE 4-1-11

## GC/MS CONFIRMATORY TEST

RESULTS Heroin

MS  
OPERATOR DJR

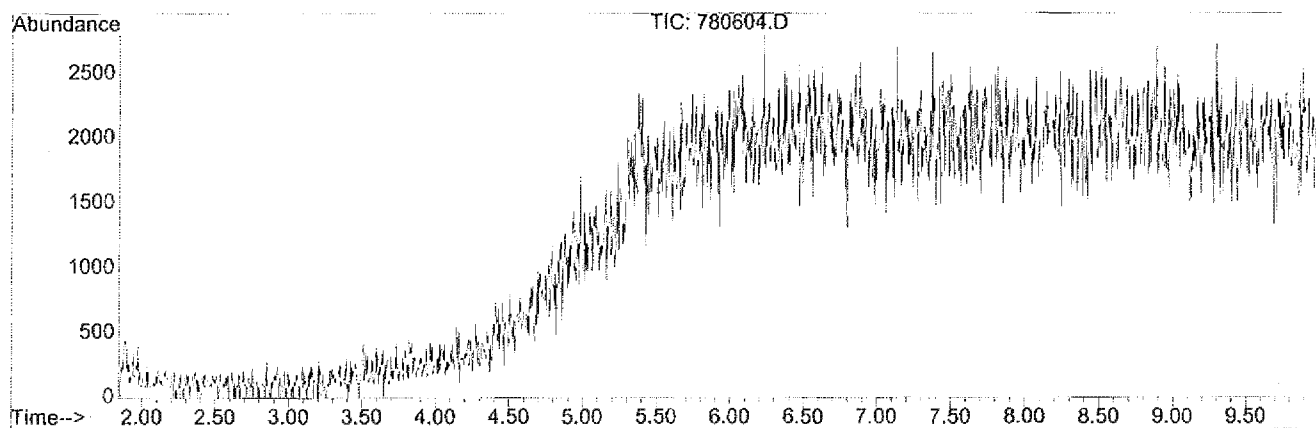
DATE 4-8-11

# Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04\_05\_11\780604.D  
Operator : ASD  
Date Acquired : 5 Apr 2011 9:18  
Sample Name : BLANK  
Submitted by :  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

✓DJR  
11-3-11



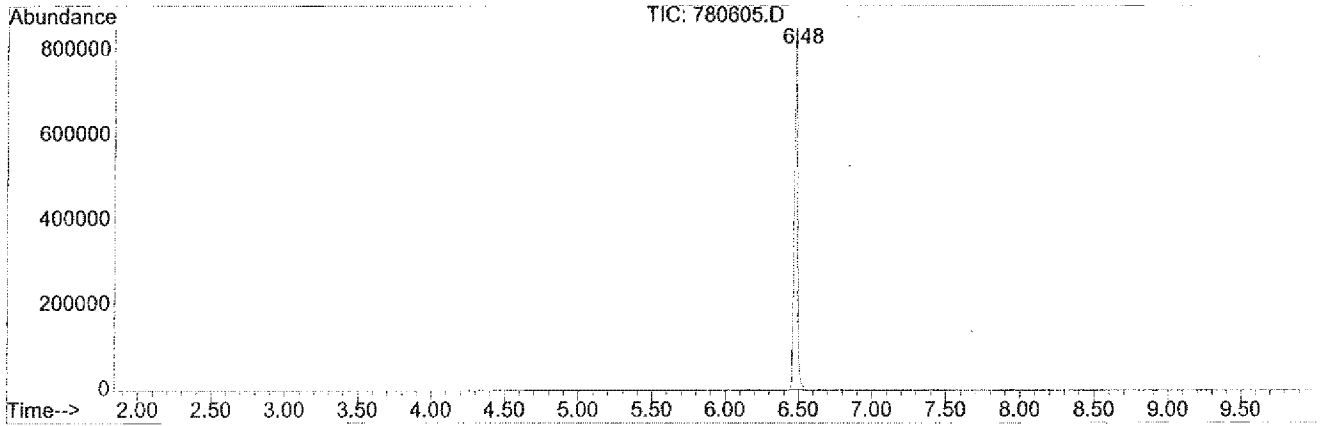
Ret. Time	Area	Area %	Ratio %
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\*\*\*NO INTEGRATED PEAKS\*\*\*

# Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04\_05\_11\780605.D  
 Operator : ASD  
 Date Acquired : 5 Apr 2011 9:32  
 Sample Name : HEROIN STD  
 Submitted by :  
 Vial Number : 5  
 AcquisitionMeth: DRUGS  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.481	1296027	100.00	100.00

# Area Percent / Library Search Report

**Information from Data File:**

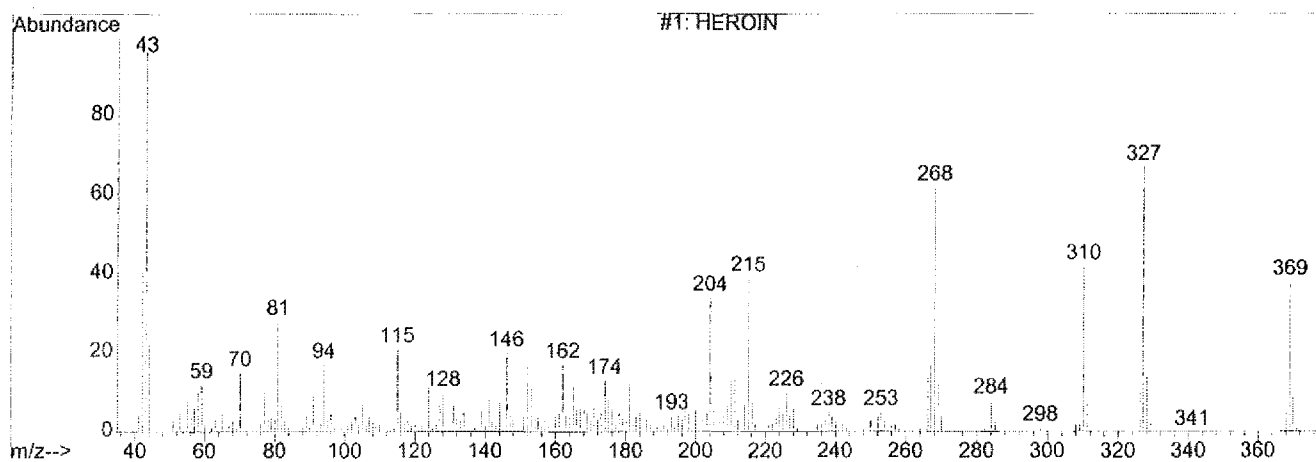
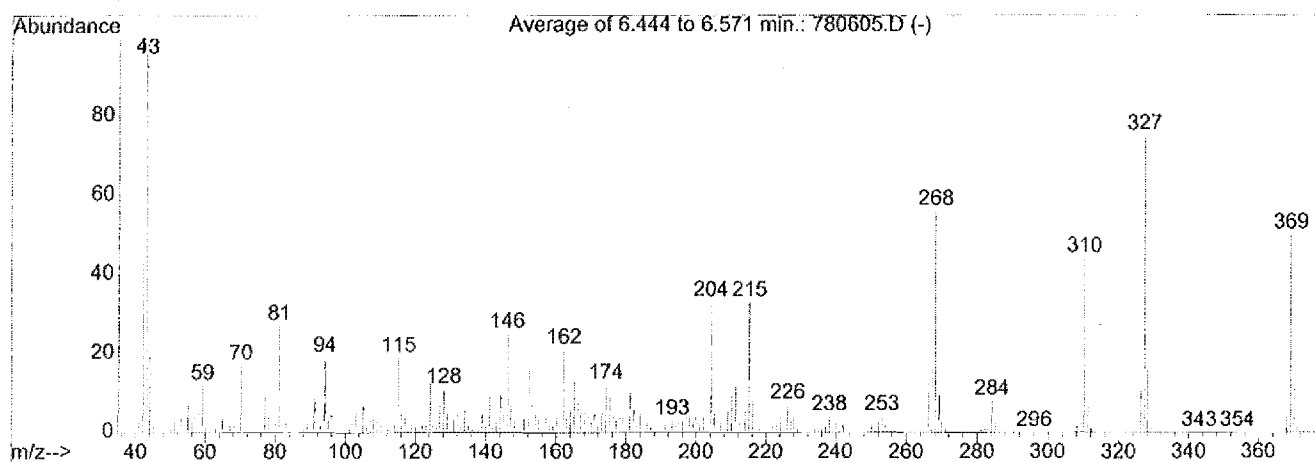
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File Name       : D:\SYSTEM4\04_05_11\780605.D
Operator        : ASD
Date Acquired   : 5 Apr 2011   9:32
Sample Name     : HEROIN STD
Submitted by    :
Vial Number     : 5
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

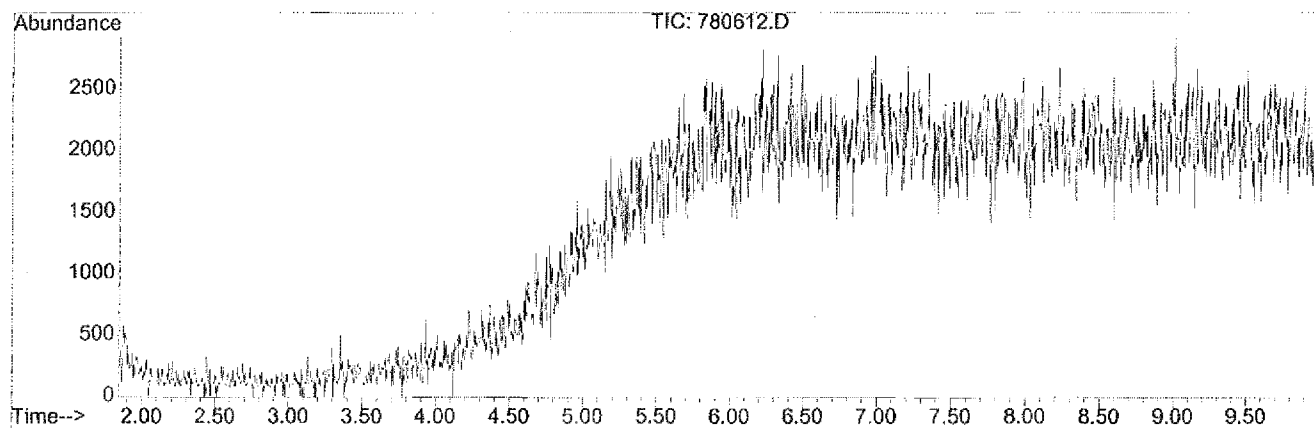
PK#	RT	Library/ID	CAS#	Qual
1	6.48	C:\DATABASE\SLI.L HEROIN	000561-27-3	99



# Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04\_05\_11\780612.D  
Operator : ASD  
Date Acquired : 5 Apr 2011 11:08  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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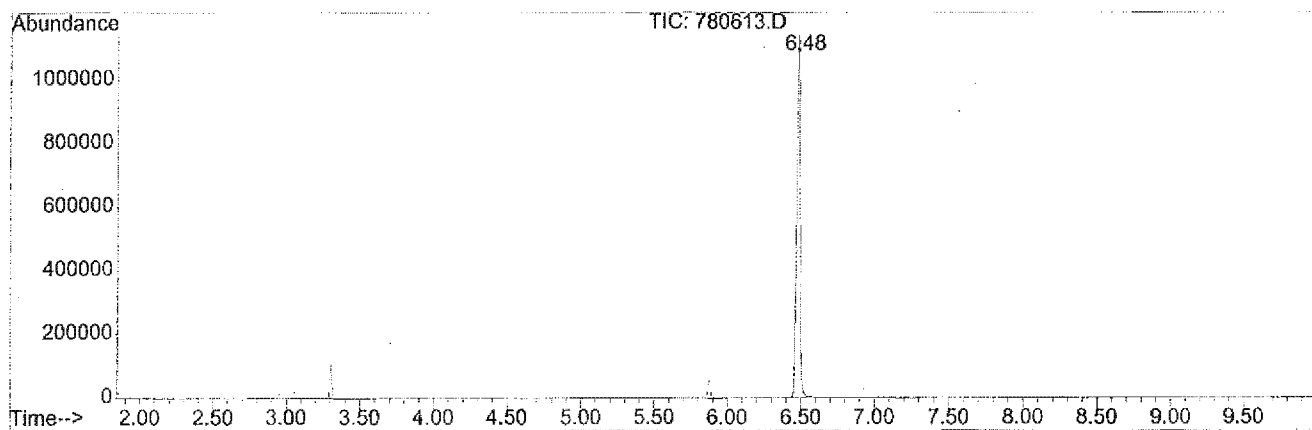
\*\*\*NO INTEGRATED PEAKS\*\*\*



# Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04\_05\_11\780613.D  
 Operator : ASD  
 Date Acquired : 5 Apr 2011 11:21  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 13  
 AcquisitionMeth: DRUGS  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.483	1734332	100.00	100.00

# Area Percent / Library Search Report

**Information from Data File:**

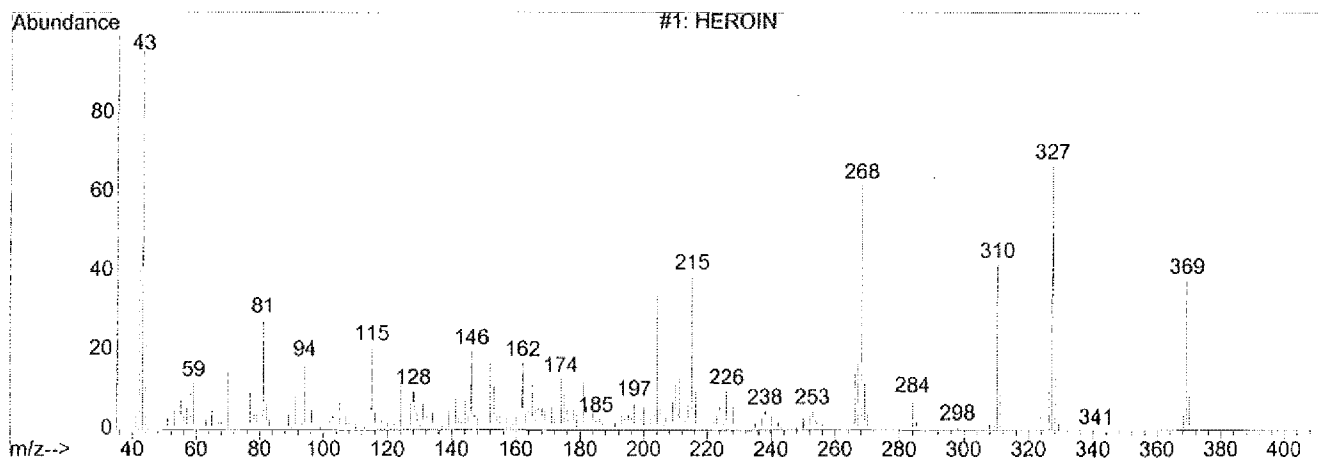
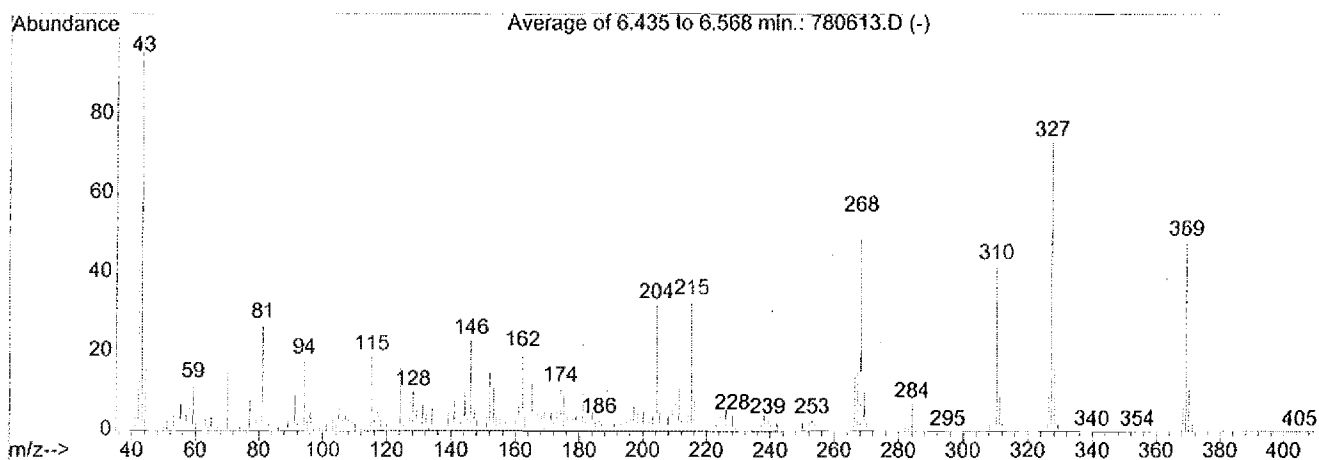
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File Name       : D:\SYSTEM4\04_05_11\780613.D
Operator        : ASD
Date Acquired   : 5 Apr 2011 11:21
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 13
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	6.48	C:\DATABASE\SLI.L HEROIN	000561-27-3	99



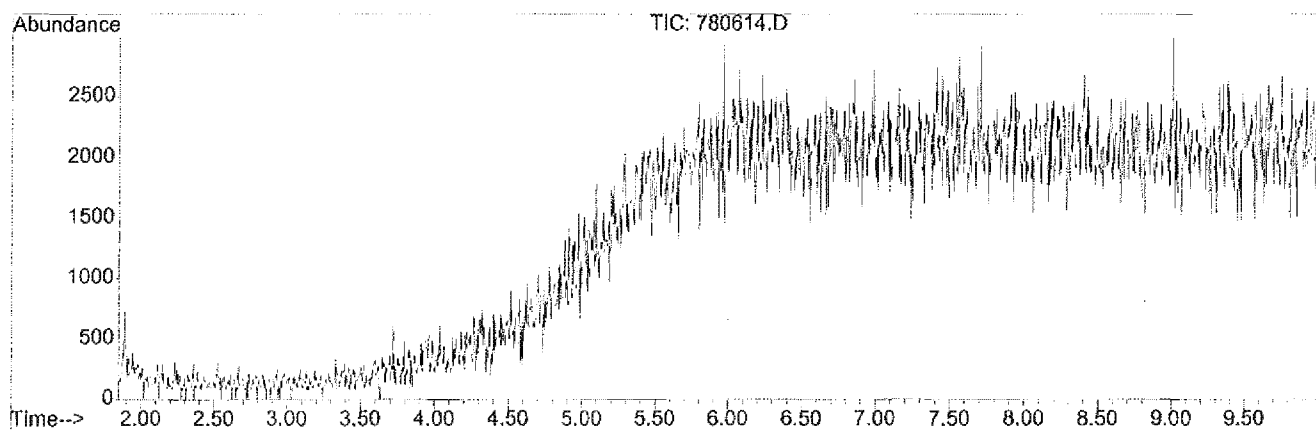
# Area Percent / Library Search Report

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## Information from Data File:

File Name : D:\SYSTEM4\04\_05\_11\780614.D  
Operator : ASD  
Date Acquired : 5 Apr 2011 11:35  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
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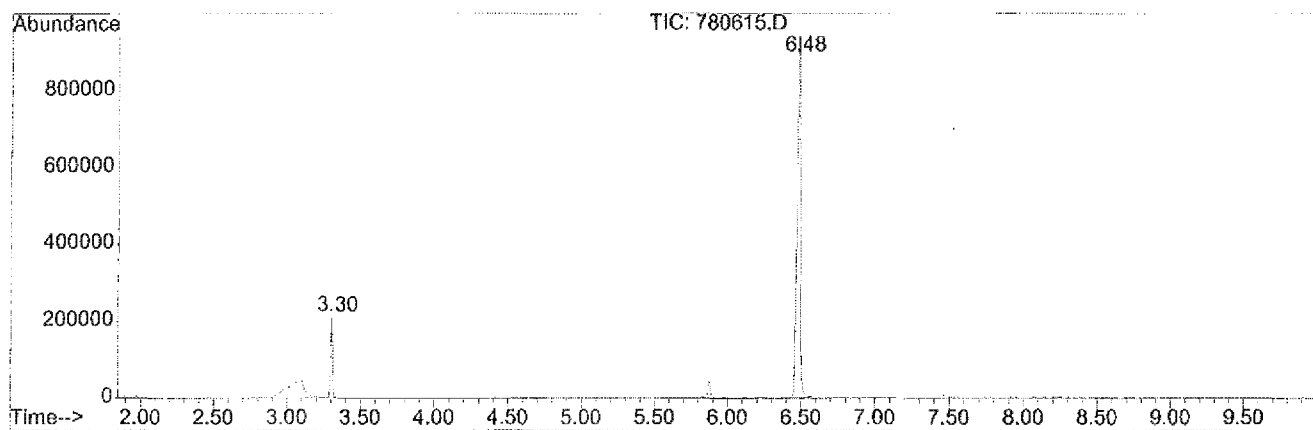
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\*\*\*NO INTEGRATED PEAKS\*\*\*

# Area Percent / Library Search Report

## Information from Data File:

File Name : D:\SYSTEM4\04\_05\_11\780615.D  
Operator : ASD  
Date Acquired : 5 Apr 2011 11:49  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 15  
AcquisitionMeth: DRUGS  
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.303	192709	11.81	13.40
6.476	1438651	88.19	100.00

# Area Percent / Library Search Report

**Information from Data File:**

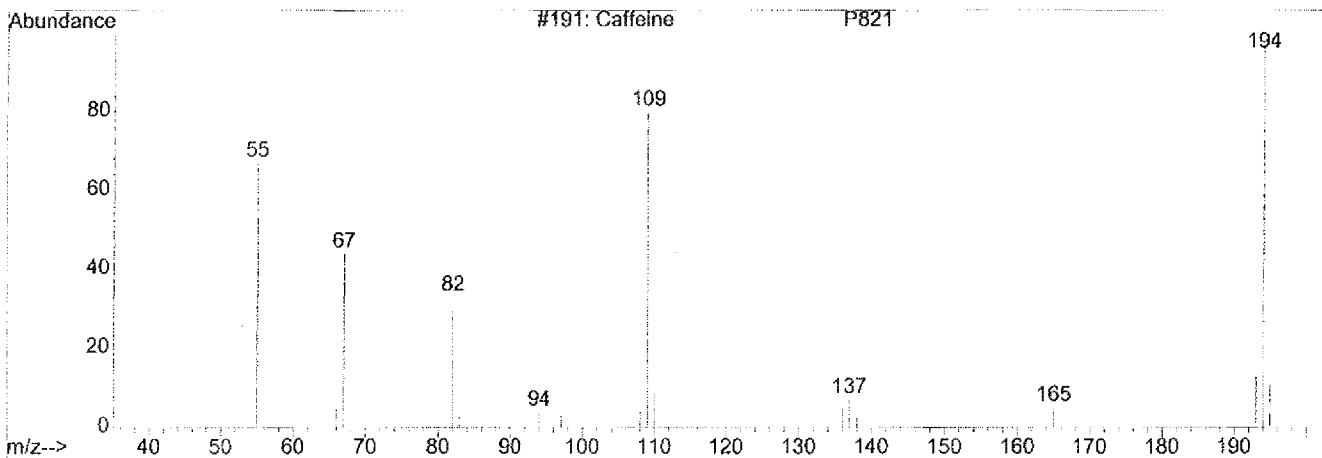
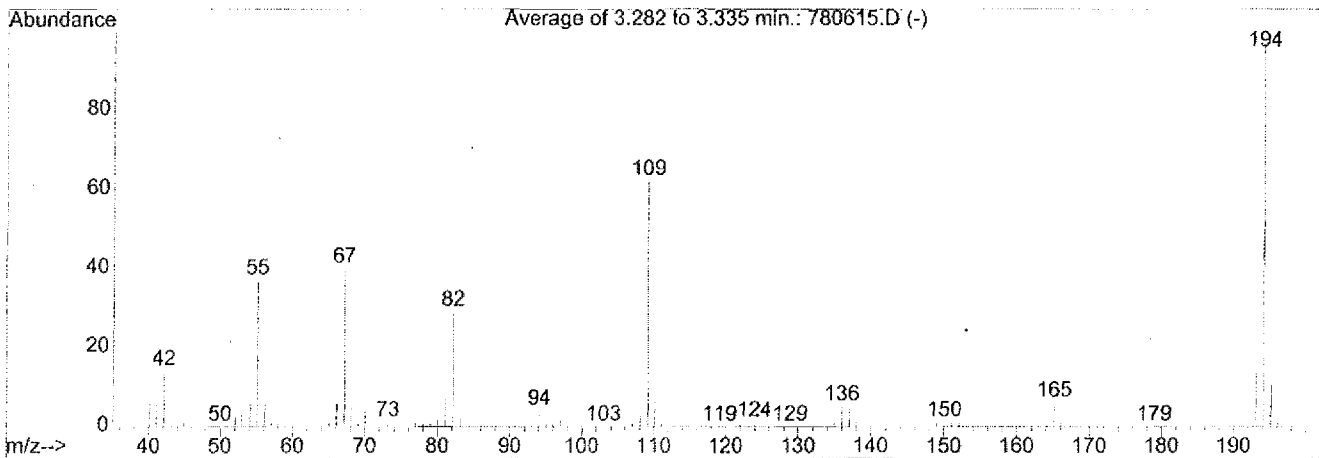
```

File Name       : D:\SYSTEM4\04_05_11\780615.D
Operator        : ASD
Date Acquired   : 5 Apr 2011 11:49
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 15
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	3.30	C:\DATABASE\PMW_TOX2.L		
		Caffeine	000058-08-2	95
		Endogenous biomolecule 2AC	000000-00-0	9
		Dichlorvos	000062-73-7	9



# Area Percent / Library Search Report

**Information from Data File:**

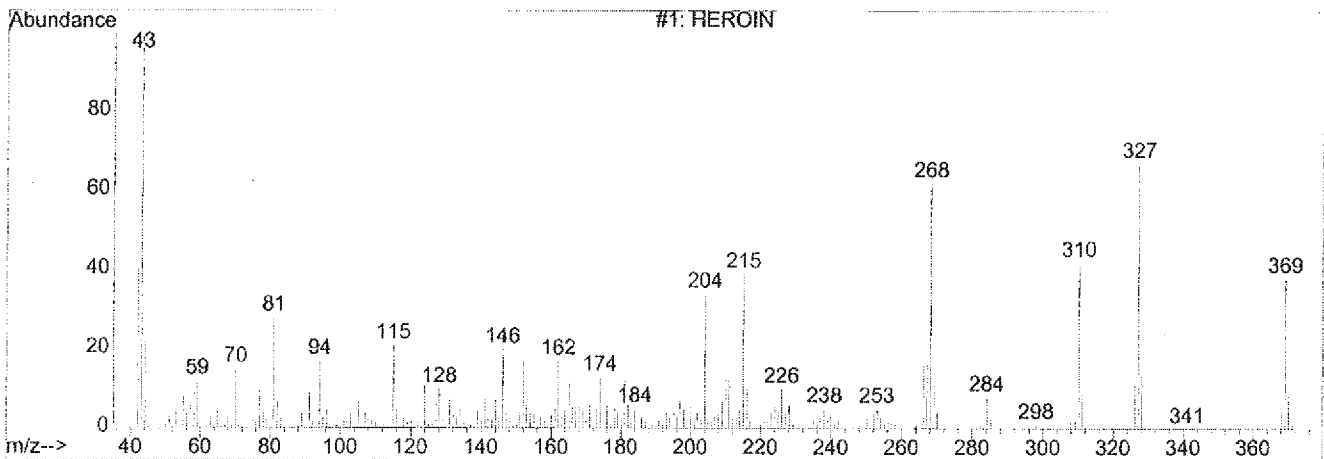
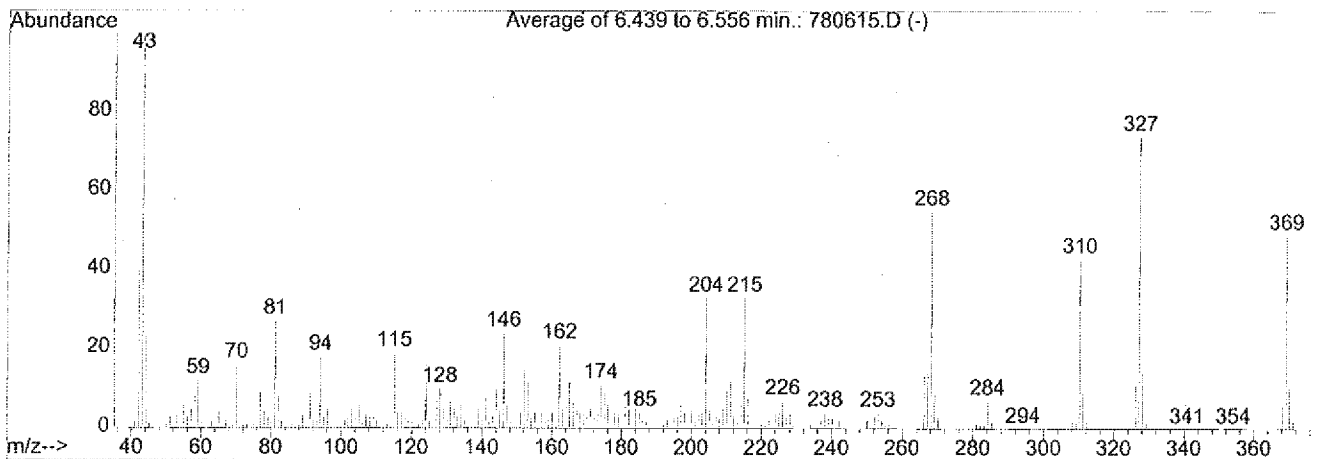
```

File Name       : D:\SYSTEM4\04_05_11\780615.D
Operator        : ASD
Date Acquired   : 5 Apr 2011 11:49
Sample Name     : 
Submitted by    : ASD
Vial Number     : 15
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

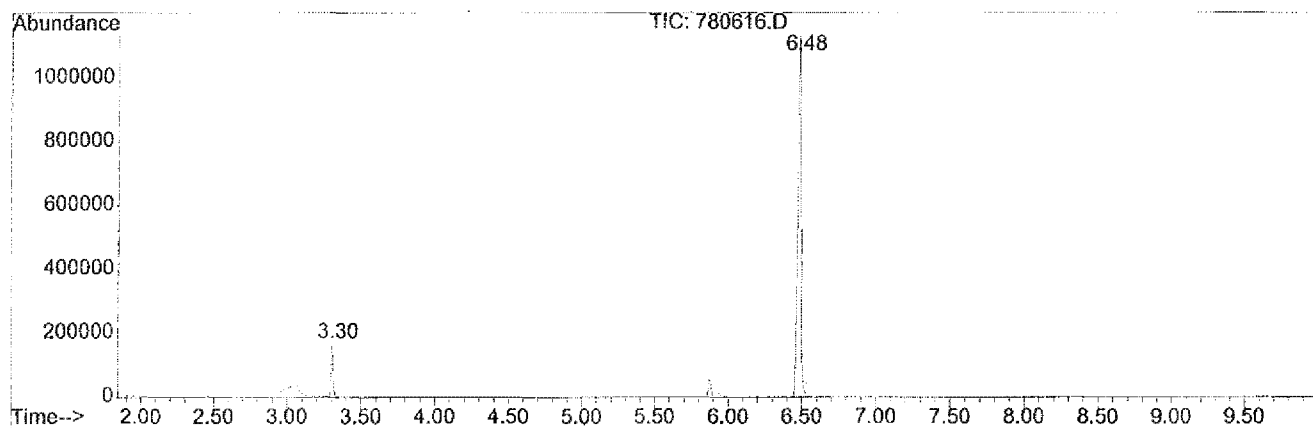
PK#	RT	Library/ID	CAS#	Qual
2	6.48	C:\DATABASE\SLI.L HEROIN	000561-27-3	99



# Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04\_05\_11\780616.D  
 Operator : ASD  
 Date Acquired : 5 Apr 2011 12:03  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 16  
 AcquisitionMeth: DRUGS  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.304	159522	8.48	9.27
6.482	1721449	91.52	100.00

# Area Percent / Library Search Report

**Information from Data File:**

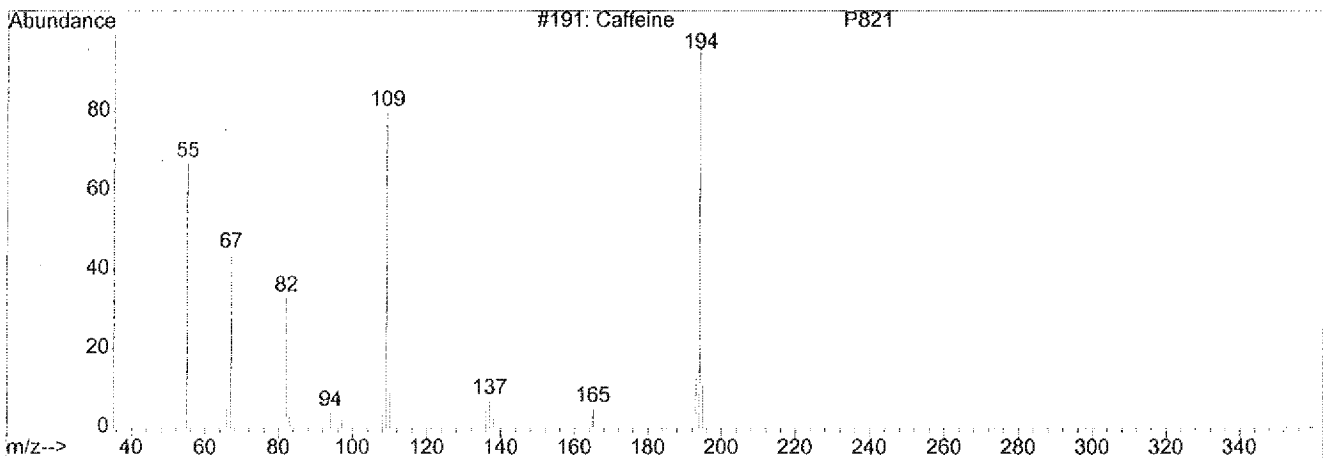
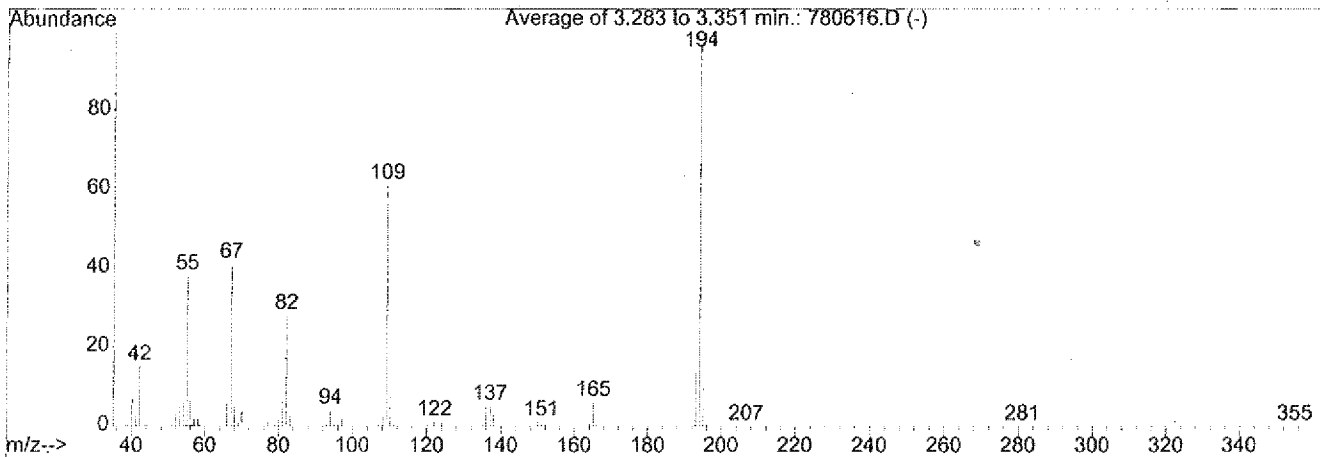
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File Name       : D:\SYSTEM4\04_05_11\780616.D
Operator        : ASD
Date Acquired   : 5 Apr 2011 12:03
Sample Name     : 
Submitted by    : ASD
Vial Number     : 16
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	3.30	C:\DATABASE\PMW_TOX2.L		
		Caffeine	000058-08-2	95
		Dichlorvos	000062-73-7	9
		Proxyphylline	000603-00-9	4





# Area Percent / Library Search Report

**Information from Data File:**

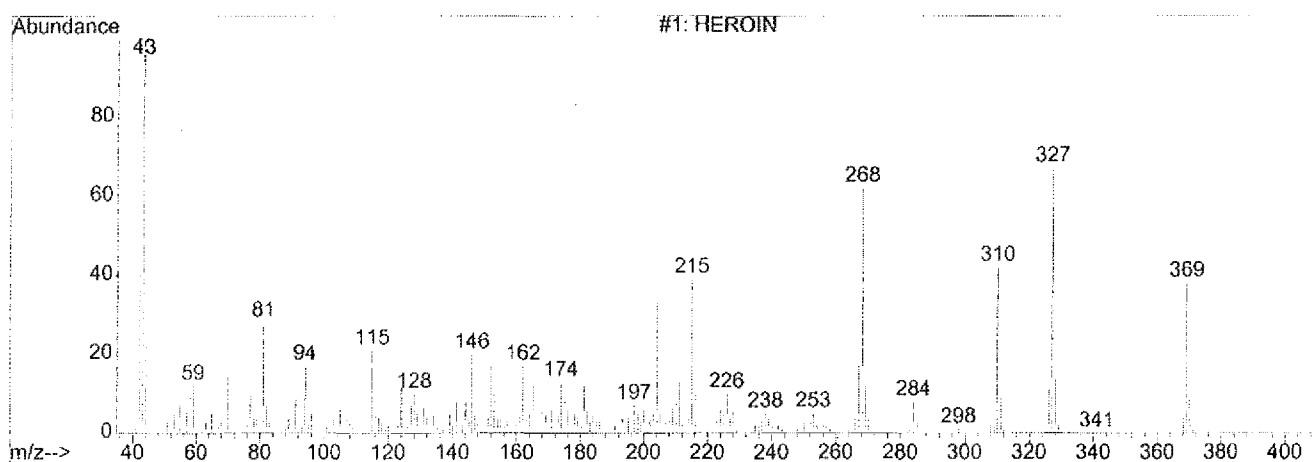
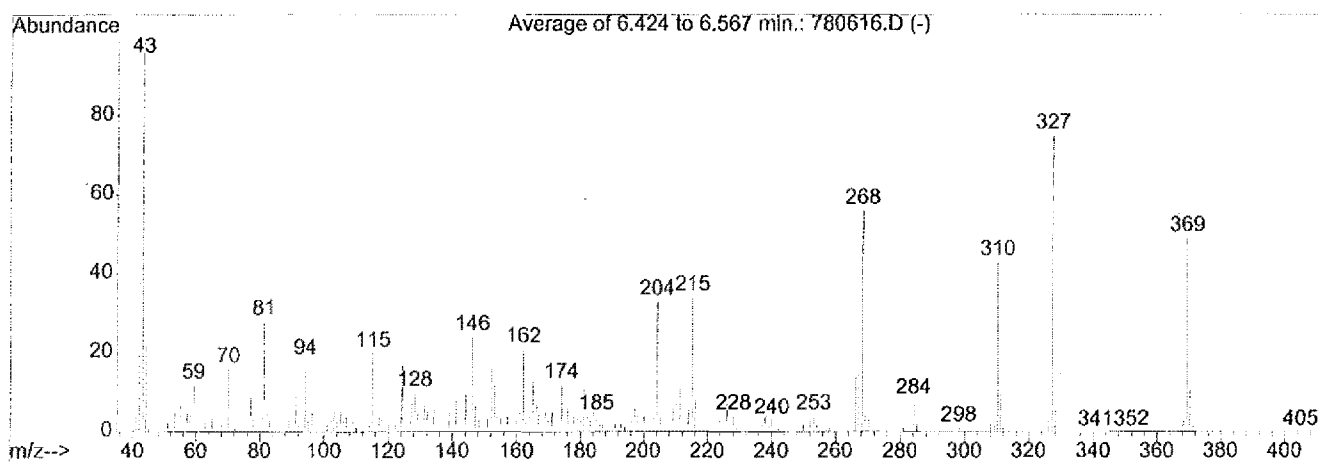
```

File Name       : D:\SYSTEM4\04_05_11\780616.D
Operator        : ASD
Date Acquired   : 5 Apr 2011 12:03
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 16
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

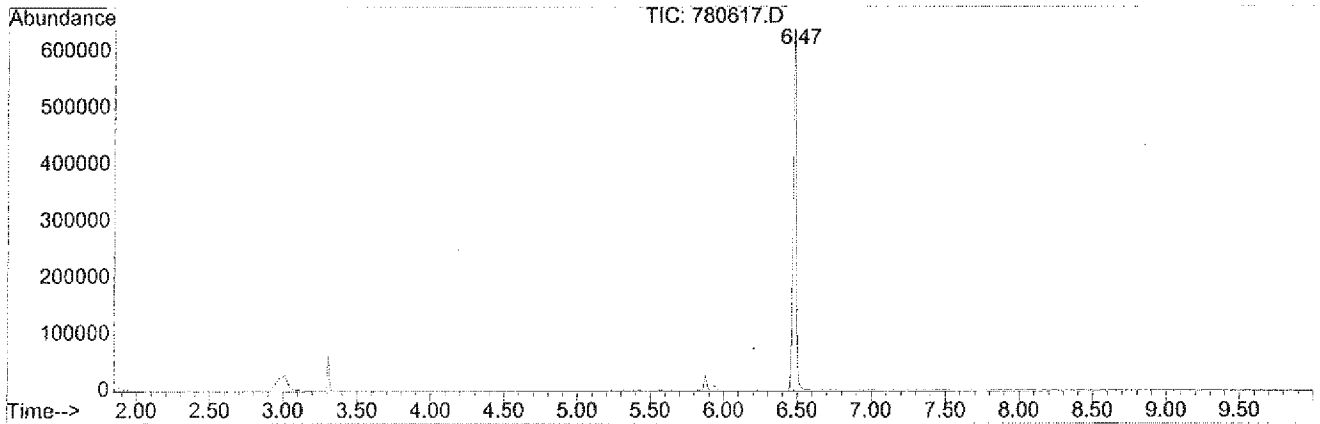
PK#	RT	Library/ID	CAS#	Qual
2	6.48	C:\DATABASE\SLI.L HEROIN	000561-27-3	99



# Area Percent / Library Search Report

## Information from Data File:

File Name : D:\SYSTEM4\04\_05\_11\780617.D  
Operator : ASD  
Date Acquired : 5 Apr 2011 12:16  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 17  
AcquisitionMeth: DRUGS  
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.474	966698	100.00	100.00

# Area Percent / Library Search Report

**Information from Data File:**

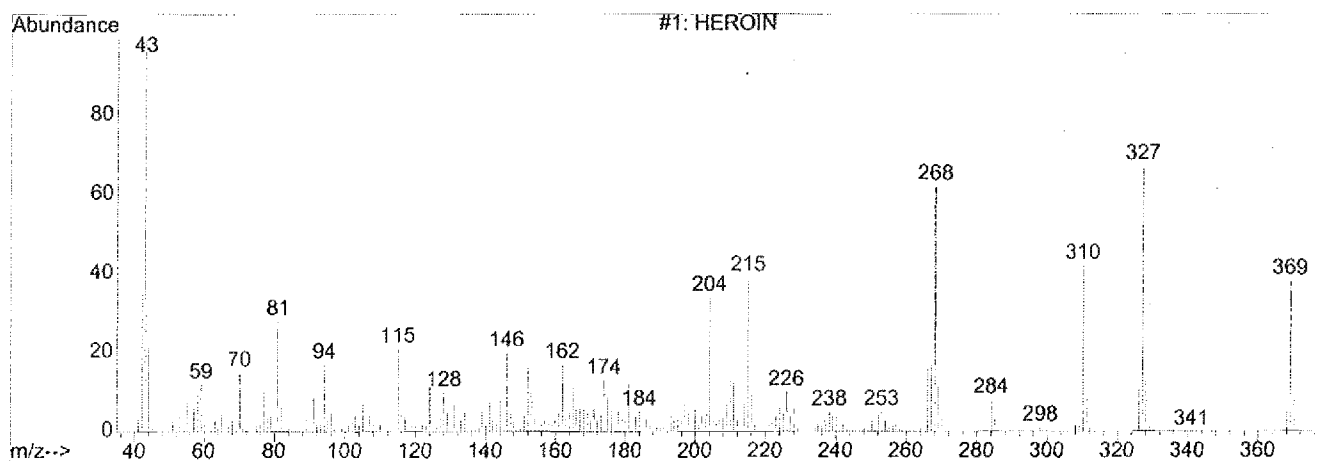
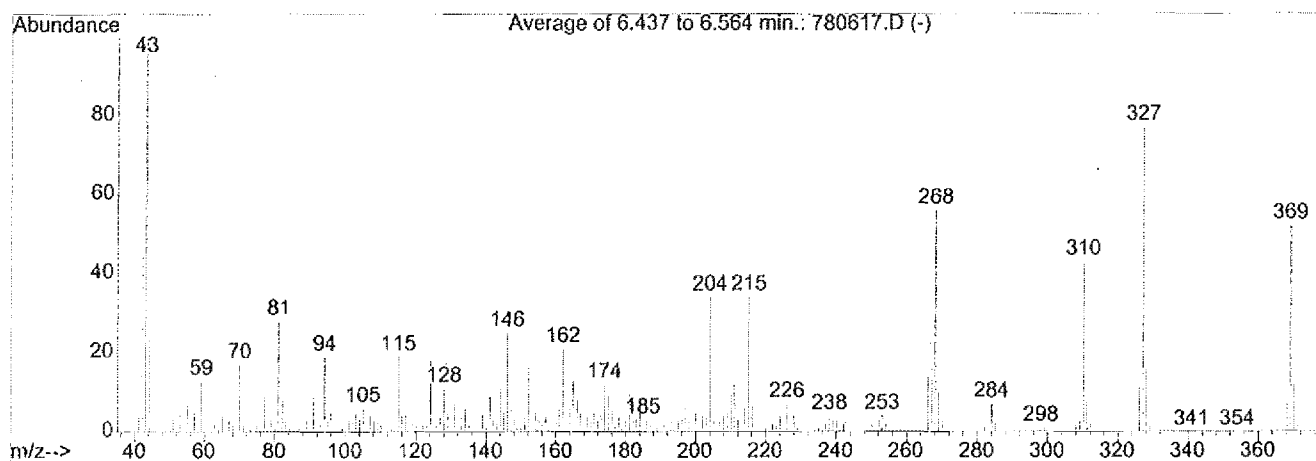
```

File Name       : D:\SYSTEM4\04_05_11\780617.D
Operator        : ASD
Date Acquired   : 5 Apr 2011 12:16
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 17
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	6.47	C:\DATABASE\SLI.L HEROIN	000561-27-3	99



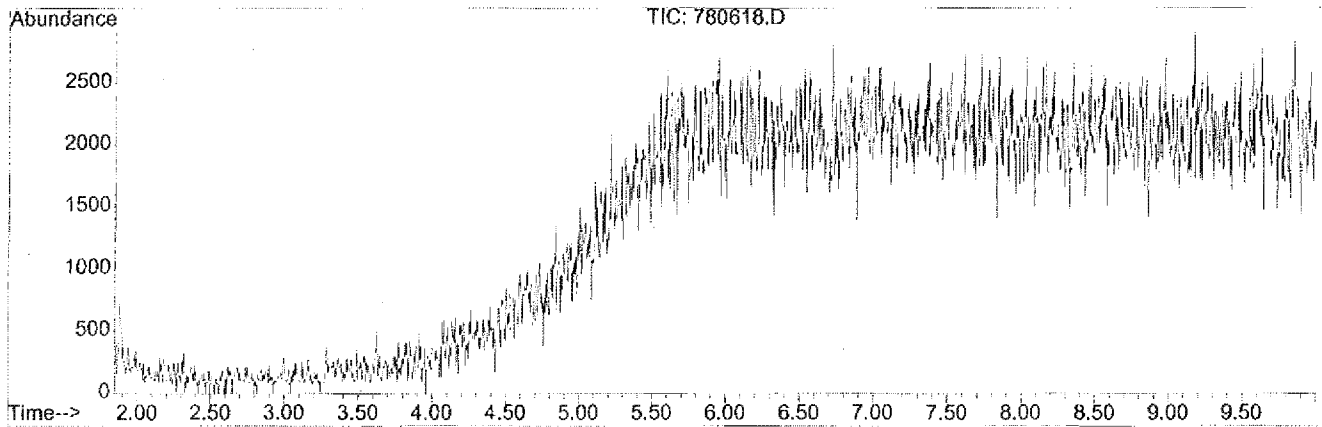
# Area Percent / Library Search Report

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## Information from Data File:

File Name : D:\SYSTEM4\04\_05\_11\780618.D  
Operator : ASD  
Date Acquired : 5 Apr 2011 12:30  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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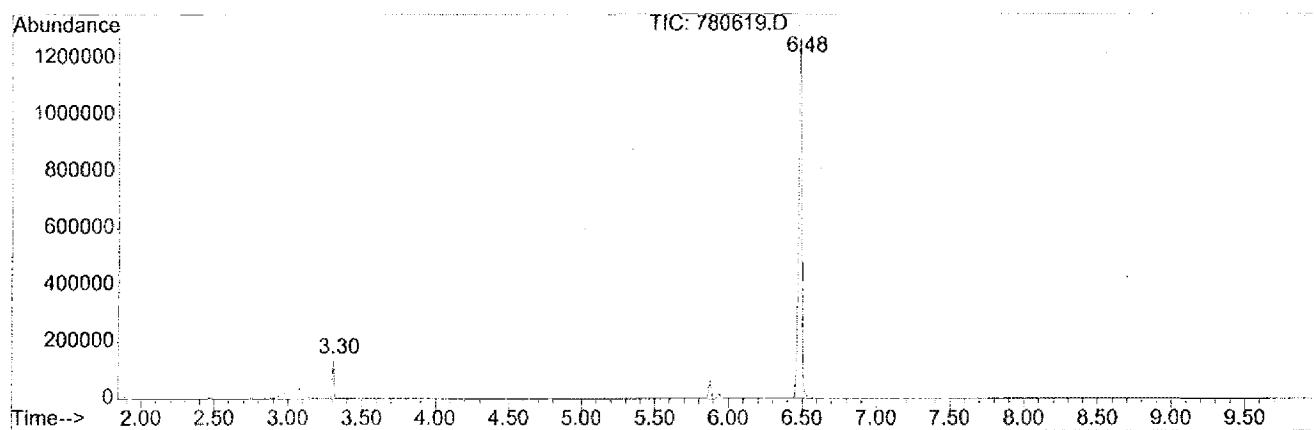
---

\*\*\*NO INTEGRATED PEAKS\*\*\*

# Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04\_05\_11\780619.D  
 Operator : ASD  
 Date Acquired : 5 Apr 2011 12:44  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 19  
 AcquisitionMeth: DRUGS  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.303	124576	6.14	6.54
6.482	1904003	93.86	100.00

# Area Percent / Library Search Report

**Information from Data File:**

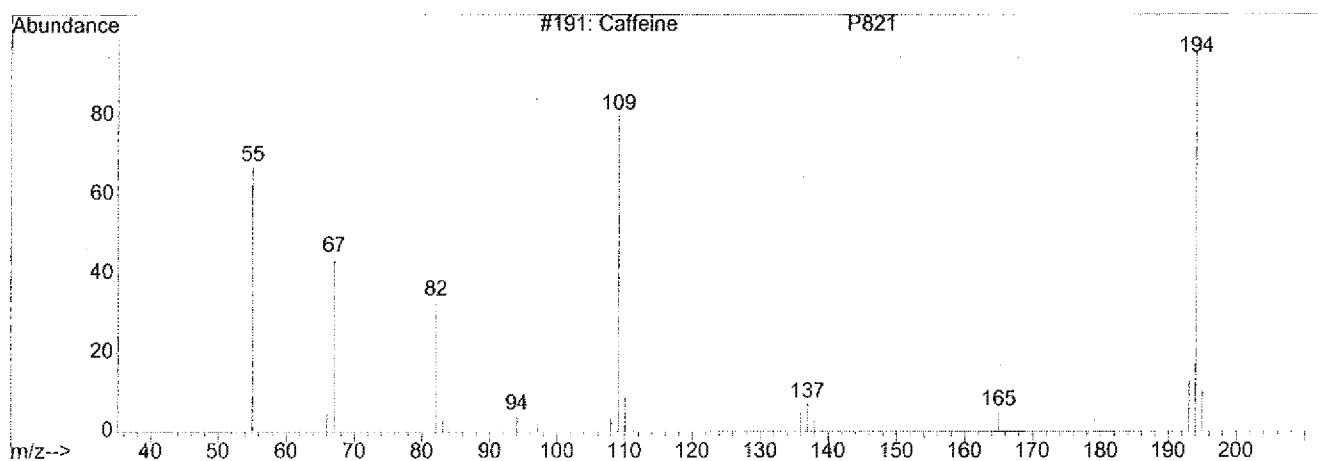
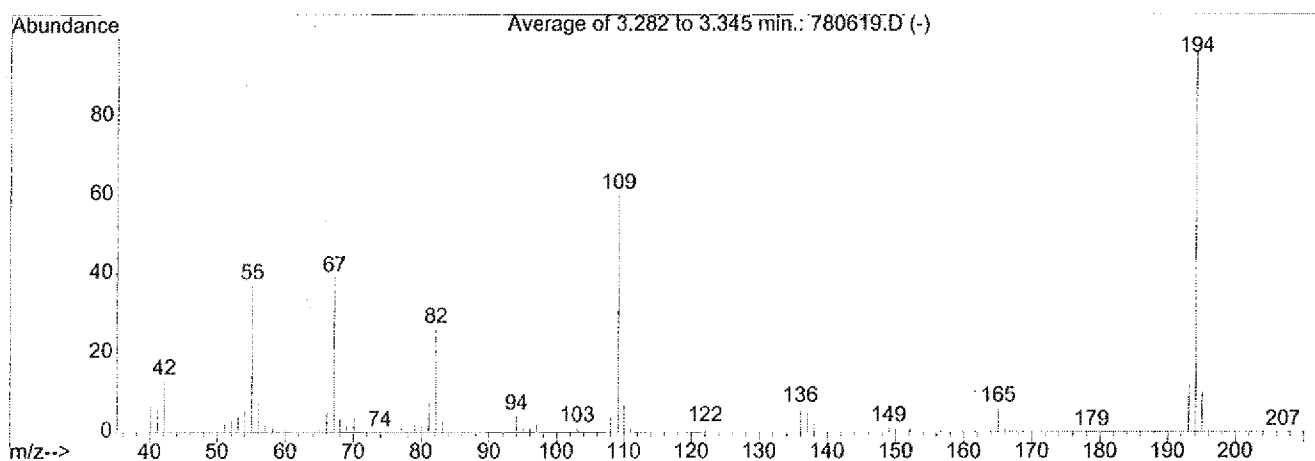
```

File Name       : D:\SYSTEM4\04_05_11\780619.D
Operator        : ASD
Date Acquired   :  5 Apr 2011  12:44
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 19
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries:  C:\DATABASE\SLI.L             Minimum Quality: 90
                   C:\DATABASE\PMW_TOX2.L        Minimum Quality: 90
                   C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	3.30	C:\DATABASE\PMW_TOX2.L		
		Caffeine	000058-08-2	95
		Endogenous biomolecule 2AC	000000-00-0	9
		Mescaline AC	000000-00-0	4



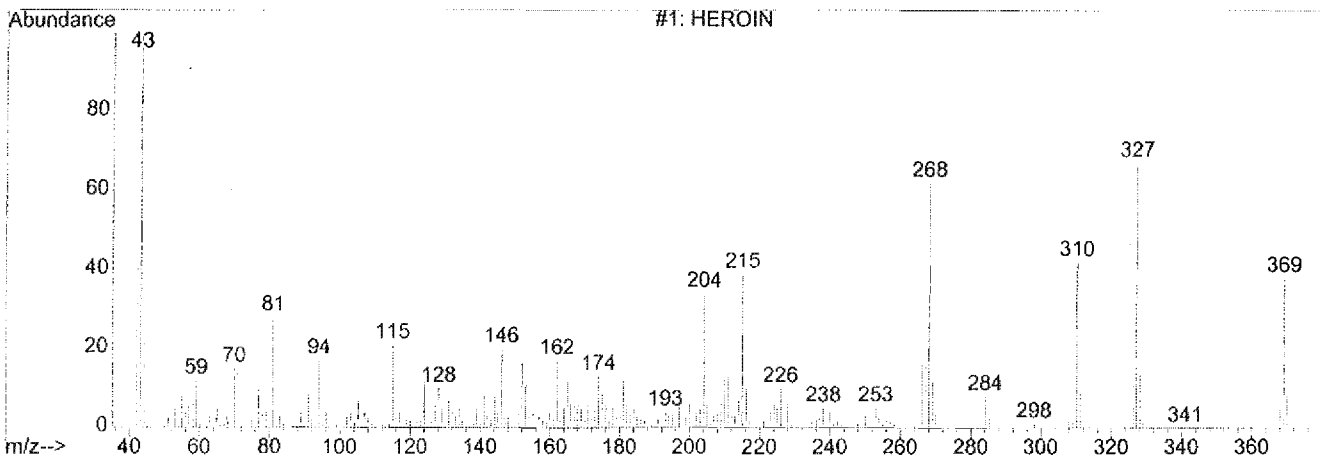
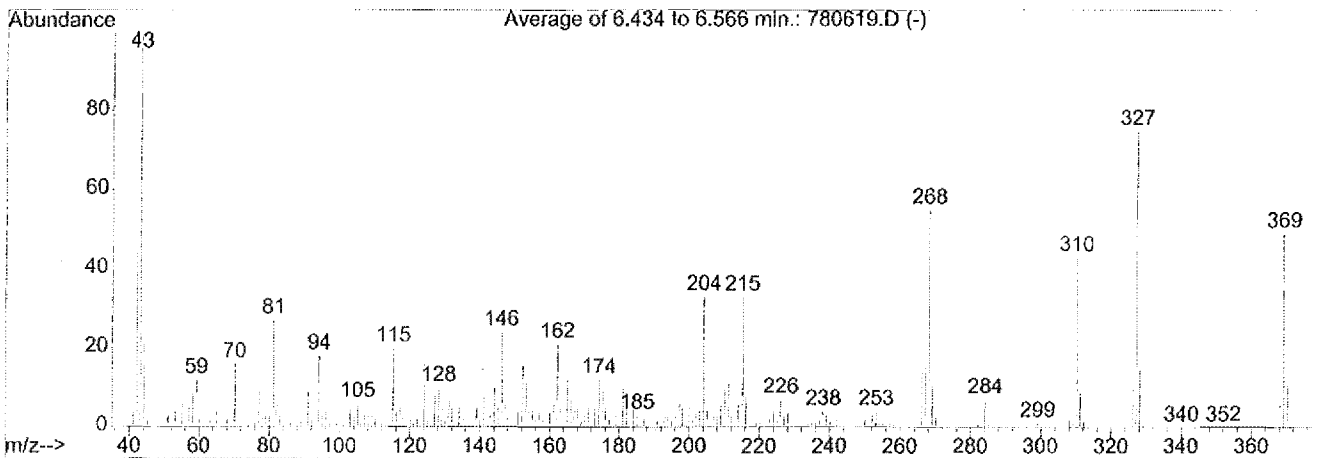
# Area Percent / Library Search Report

## Information from Data File:

File Name : D:\SYSTEM4\04\_05\_11\780619.D  
Operator : ASD  
Date Acquired : 5 Apr 2011 12:44  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 19  
AcquisitionMeth: DRUGS  
Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90  
C:\DATABASE\PMW\_TOX2.L Minimum Quality: 90  
C:\DATABASE\NIST98.L

PK#	RT	Library/ID	CAS#	Qual
2	6.48	C:\DATABASE\SLI.L HEROIN	000561-27-3	99



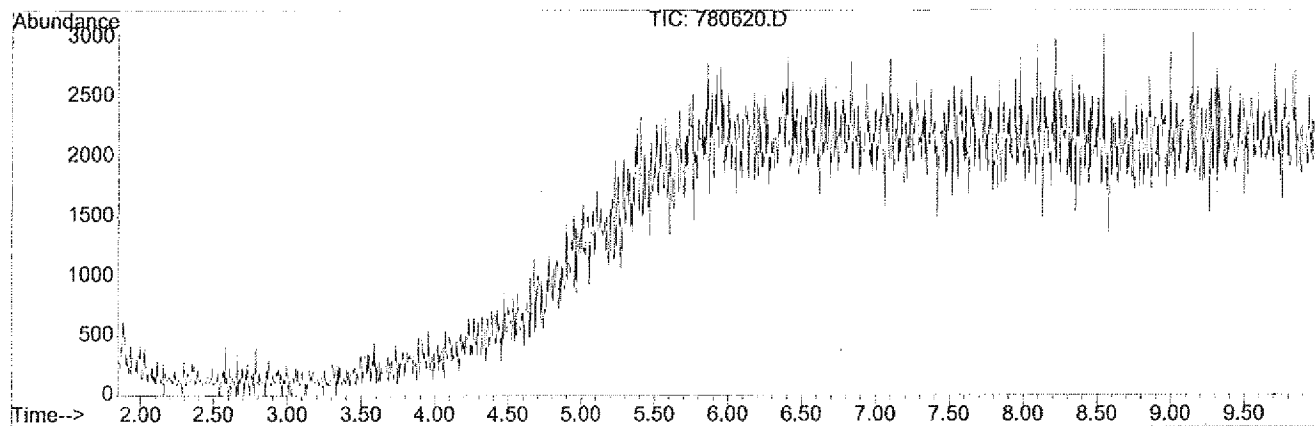
# Area Percent / Library Search Report

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## Information from Data File:

File Name : D:\SYSTEM4\04\_05\_11\780620.D  
Operator : ASD  
Date Acquired : 5 Apr 2011 12:57  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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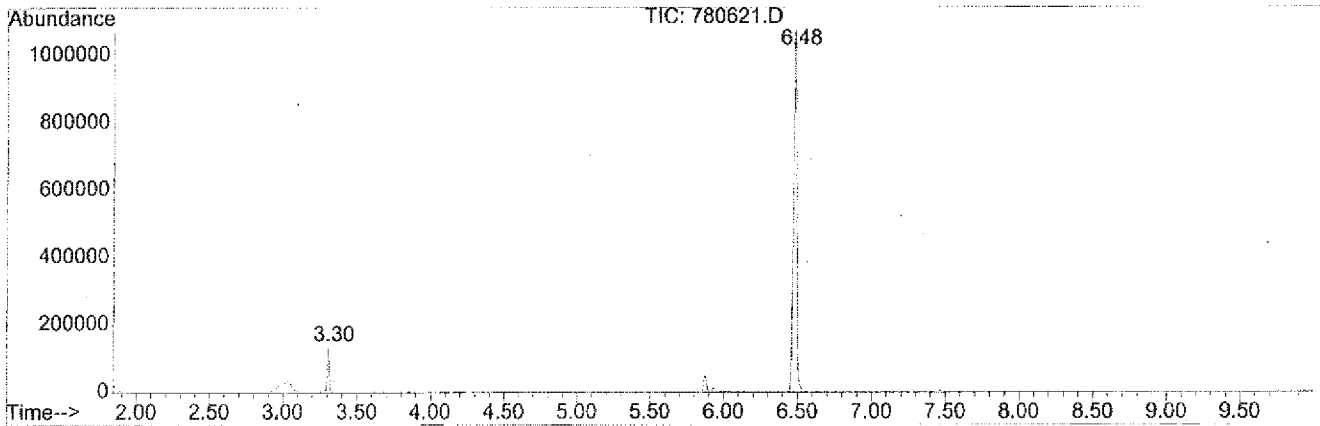
\*\*\*NO INTEGRATED PEAKS\*\*\*



# Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04\_05\_11\780621.D  
 Operator : ASD  
 Date Acquired : 5 Apr 2011 13:11  
 Sample Name : XXXXXXXXXX  
 Submitted by : ASD  
 Vial Number : 21  
 AcquisitionMeth: DRUGS  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.303	123045	7.04	7.57
6.477	1624688	92.96	100.00

# Area Percent / Library Search Report

**Information from Data File:**

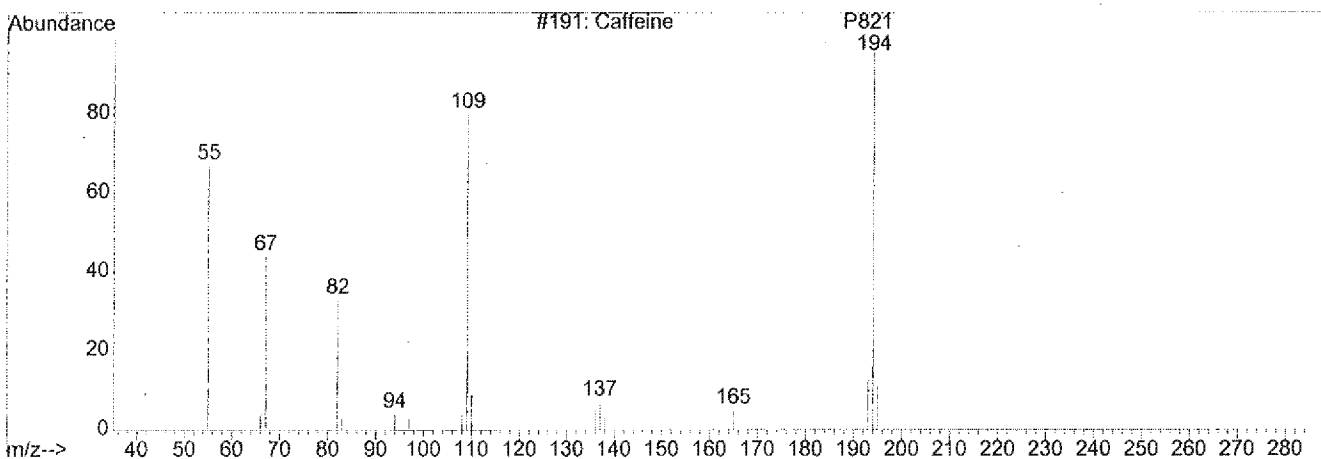
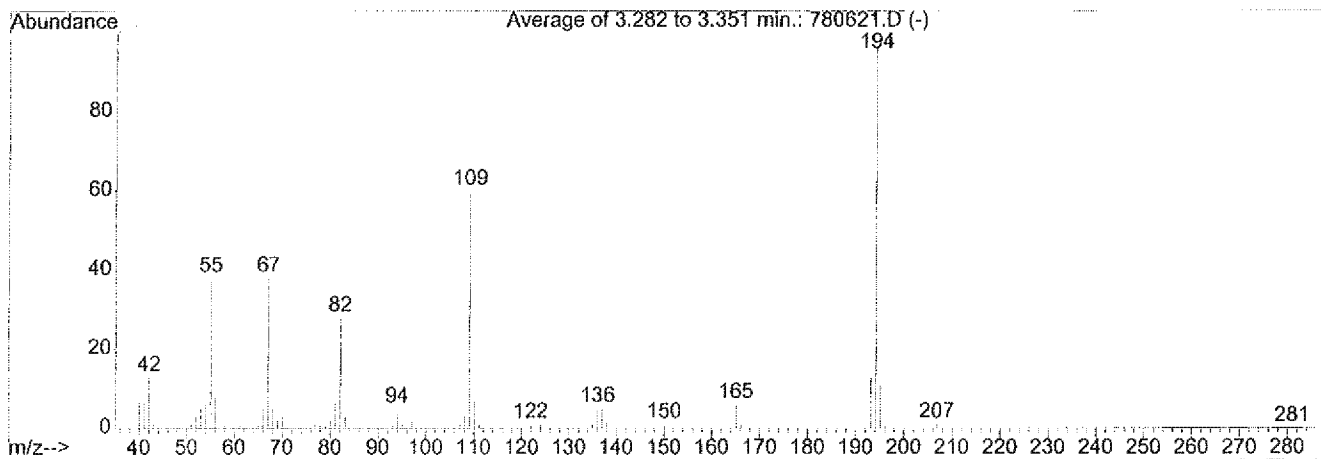
```

File Name       : D:\SYSTEM4\04_05_11\780621.D
Operator        : ASD
Date Acquired   : 5 Apr 2011 13:11
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 21
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

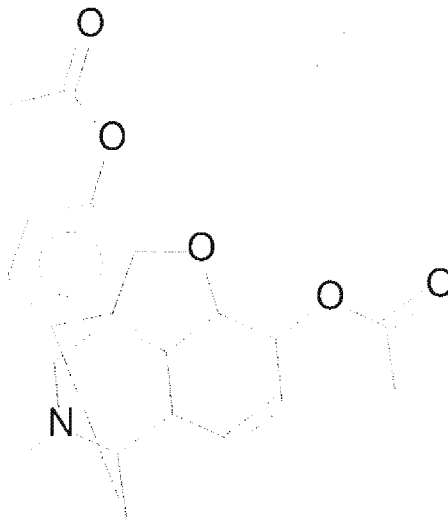
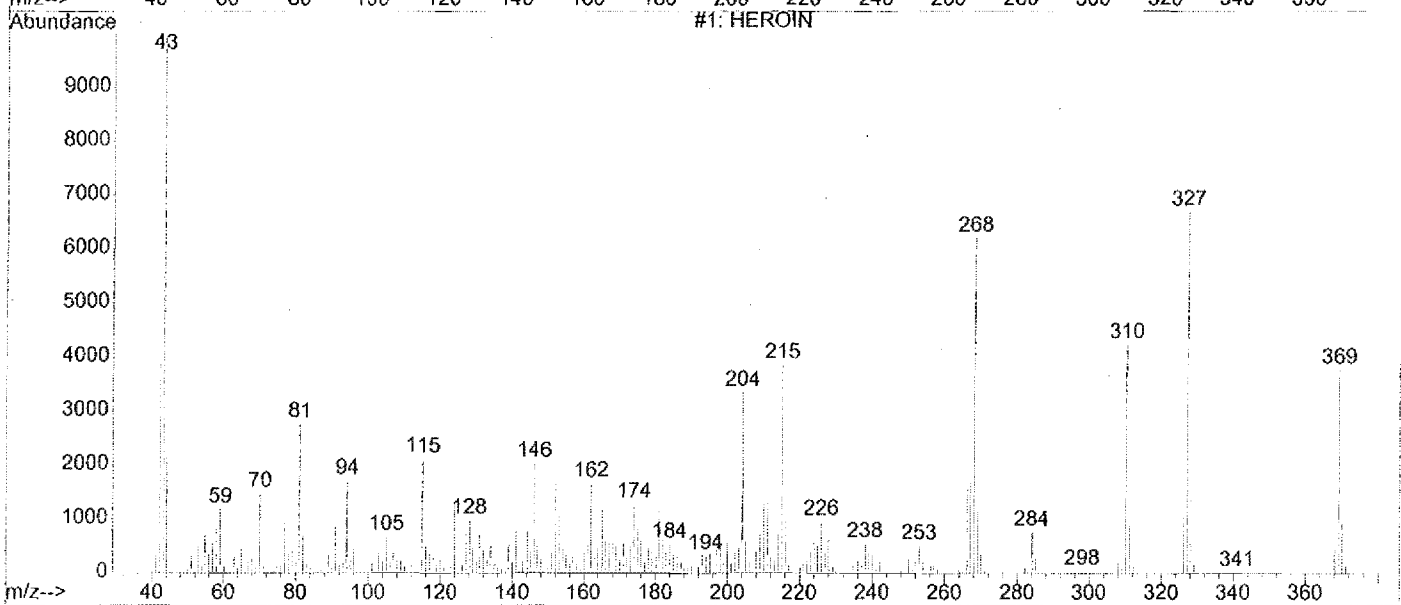
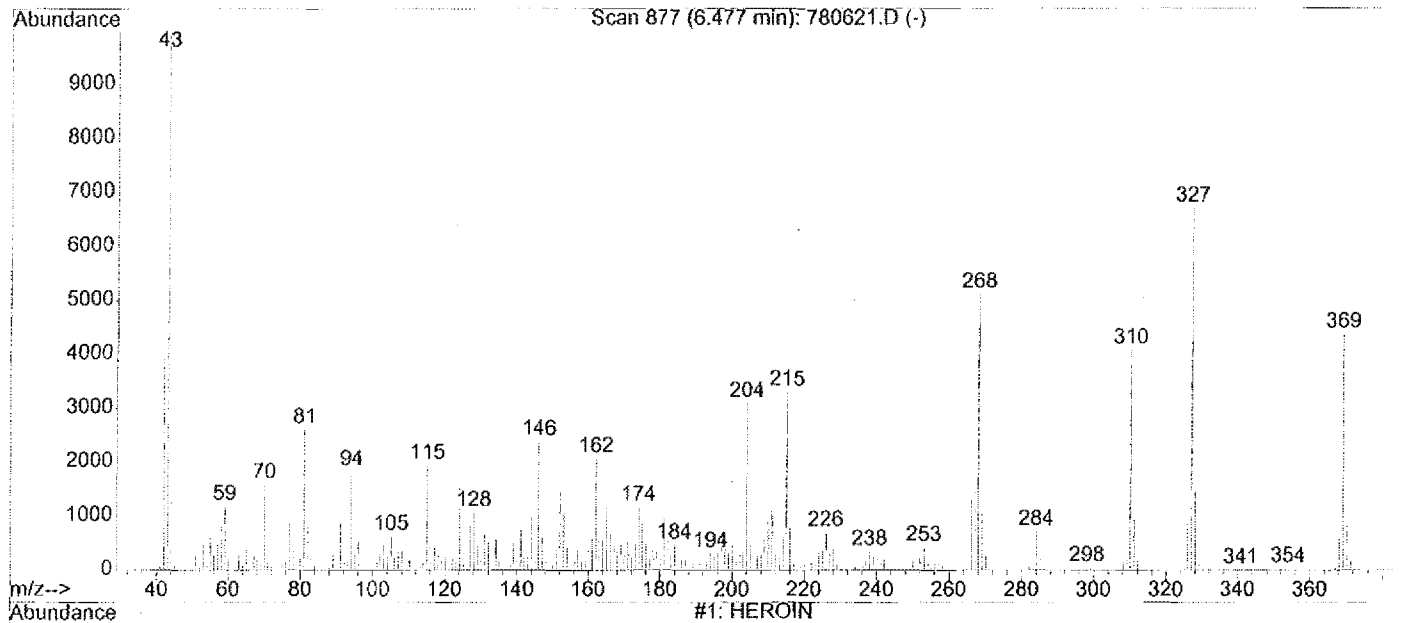
```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	3.30	C:\DATABASE\PMW_TOX2.L		
		Caffeine	000058-08-2	95
		Endogenous biomolecule 2AC	000000-00-0	7
		Proxyphylline	000603-00-9	4



Library Searched : C:\DATABASE\SLI.L  
Quality : 96  
ID : HEROIN



# Area Percent / Library Search Report

**Information from Data File:**

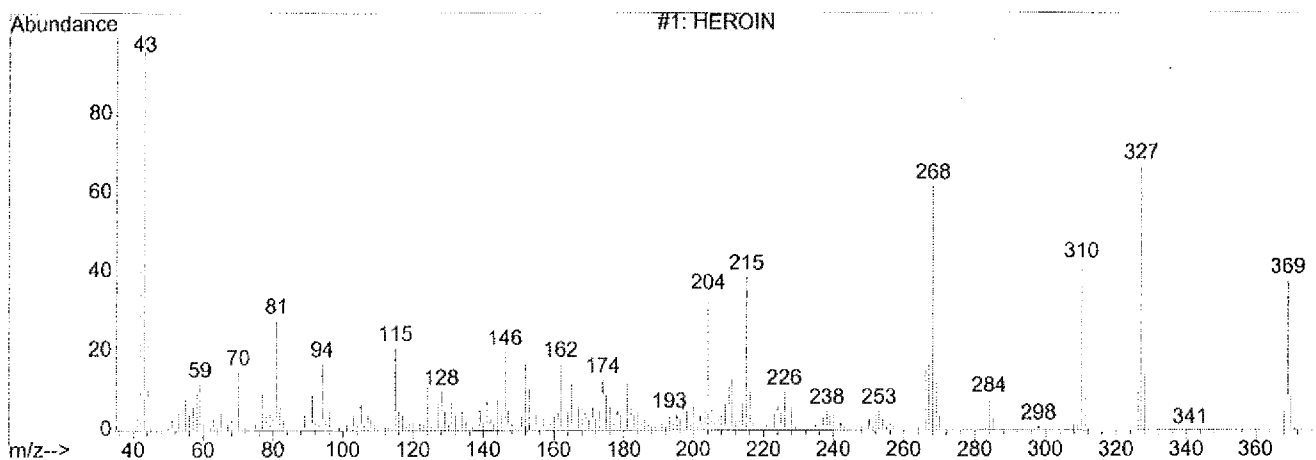
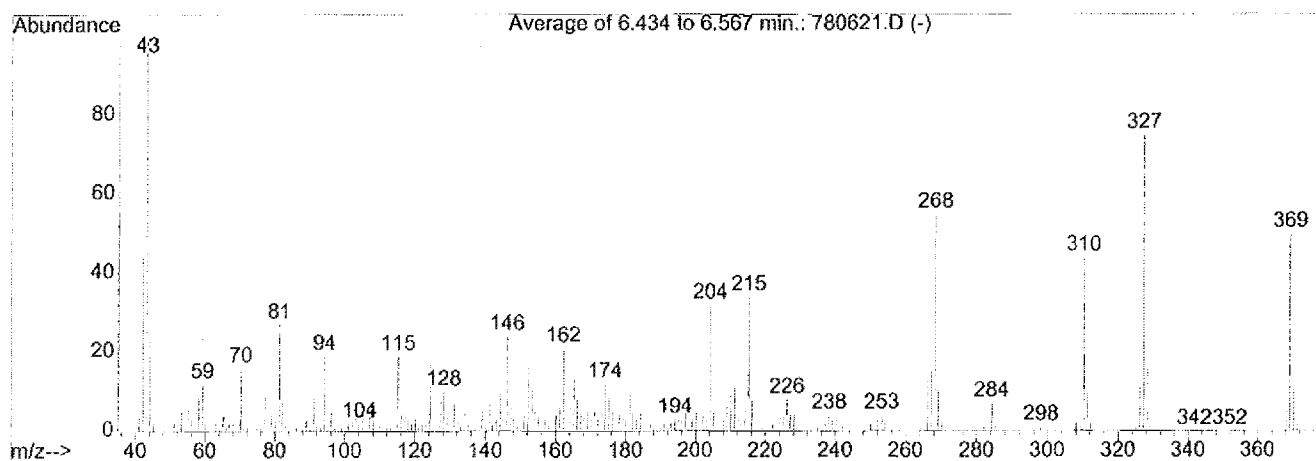
```

File Name       : D:\SYSTEM4\04_05_11\780621.D
Operator        : ASD
Date Acquired   : 5 Apr 2011 13:11
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 21
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
2	6.48	C:\DATABASE\SLI.L HEROIN	000561-27-3	99



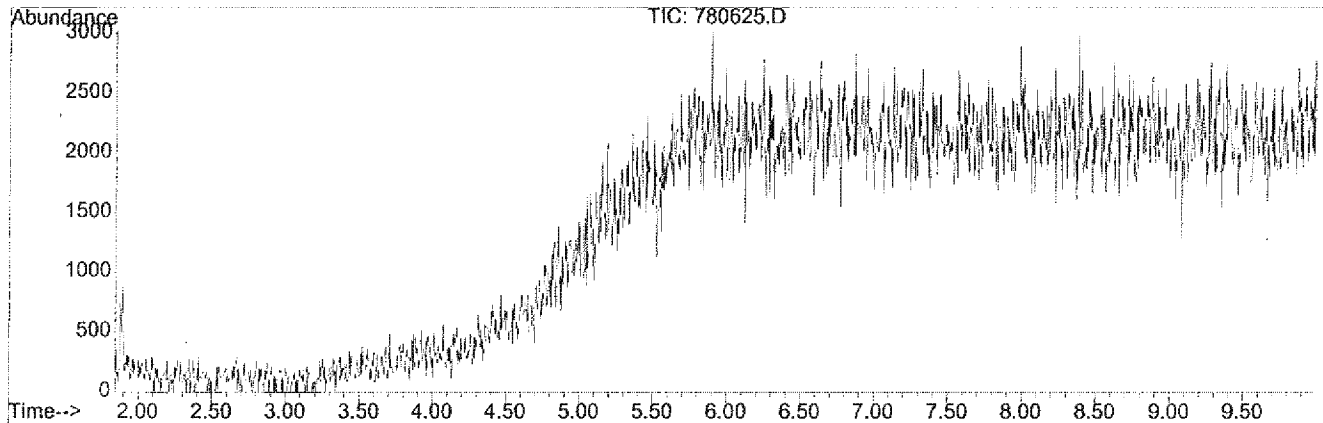
# Area Percent / Library Search Report

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## Information from Data File:

File Name : D:\SYSTEM4\04\_05\_11\780625.D  
Operator : ASD  
Date Acquired : 5 Apr 2011 14:06  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

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Ret. Time	Area	Area %	Ratio %
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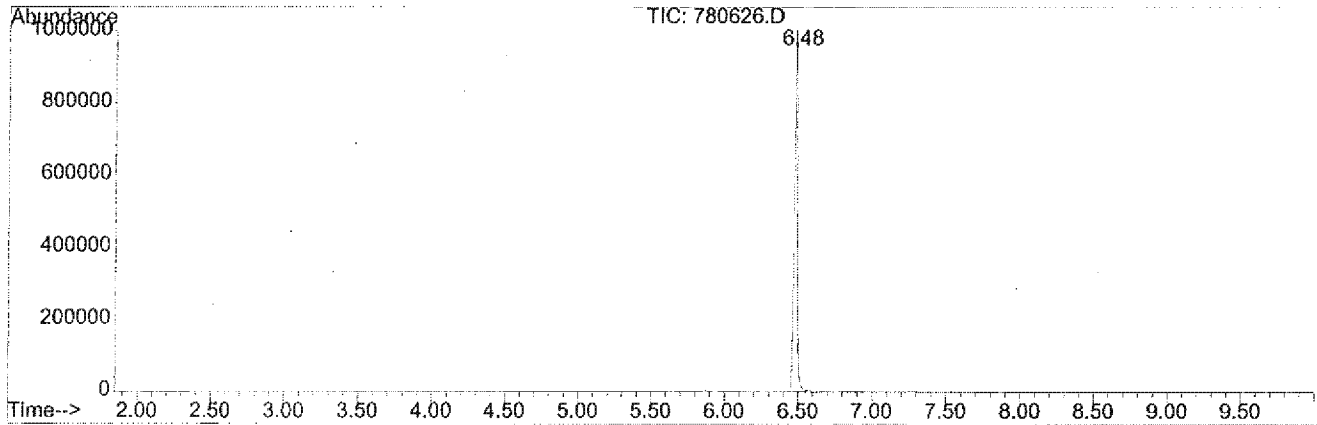
---

\*\*\*NO INTEGRATED PEAKS\*\*\*

# Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\04\_05\_11\780626.D  
 Operator : ASD  
 Date Acquired : 5 Apr 2011 14:20  
 Sample Name : HEROIN STD  
 Submitted by : ASD  
 Vial Number : 5  
 AcquisitionMeth: DRUGS  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
6.480	1455686	100.00	100.00

# Area Percent / Library Search Report

**Information from Data File:**

```

File Name       : D:\SYSTEM4\04_05_11\780626.D
Operator        : ASD
Date Acquired   : 5 Apr 2011 14:20
Sample Name     : HEROIN STD
Submitted by    : ASD
Vial Number     : 5
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	6.48	C:\DATABASE\SLI.L HEROIN	000561-27-3	99

